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Welcome to STN International! Enter x:x

LOGINID:SSSPTA1600RXA

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	May 12	EXTEND option available in structure searching
NEWS	4	May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS	5	May 27	New UPM (Update Code Maximum) field for more efficient patent SDIs in CAlplus
NEWS	6	May 27	CAlplus super roles and document types searchable in REGISTRY
NEWS	7	Jun 28	Additional enzyme-catalyzed reactions added to CASREACT
NEWS	8	Jun 28	ANTE, AQUALINE, BIOENG, CIVILENG, ENVIROENG, MECHENG, and WATER from CSA now available on STN(R)
NEWS	9	Jul 12	BEILSTEIN enhanced with new display and select options, resulting in a closer connection to BABS
NEWS	10	Jul 30	BEILSTEIN on STN workshop to be held August 24 in conjunction with the 228th ACS National Meeting
NEWS	11	AUG 02	IFIPAT/IFIUDB/IFICDB reloaded with new search and display fields
NEWS	12	AUG 02	CAlplus and CA patent records enhanced with European and Japan Patent Office Classifications
NEWS	13	AUG 02	STN User Update to be held August 22 in conjunction with the 228th ACS National Meeting
NEWS	14	AUG 02	The Analysis Edition of STN Express with Discover! (Version 7.01 for Windows) now available
NEWS	15	AUG 04	Pricing for the Save Answers for SciFinder Wizard within STN Express with Discover! will change September 1, 2004
NEWS	16	AUG 27	BIOCOMMERCE: Changes and enhancements to content coverage
NEWS	17	AUG 27	BIOTECHABS/BIOTECHDS: Two new display fields added for legal status data from INPADOC
NEWS	18	SEP 01	INPADOC: New family current-awareness alert (SDI) available
NEWS	19	SEP 01	New pricing for the Save Answers for SciFinder Wizard within STN Express with Discover!
NEWS	20	SEP 01	New display format, HITSTR, available in WPIDS/WPINDEX/WPIX
NEWS EXPRESS		JULY 30	CURRENT WINDOWS VERSION IS V7.01, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 11 AUGUST 2004
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
NEWS WWW			CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 07:07:37 ON 08 SEP 2004

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.42

0.42

FILE 'CAPLUS' ENTERED AT 07:08:32 ON 08 SEP 2004

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE COVERS 1907 - 8 Sep 2004 VOL 141 ISS 11

FILE LAST UPDATED: 7 Sep 2004 (20040907/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s US20020142995/pn

L1

1 US20020142995/PN

(US2002142995/PN)

=> d

L1 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2002107125 CAPLUS  
 DN 1361161364  
 TI Ammonium salts of hemoglobin allosteric effectors, and uses thereof  
 IN Nicolau, Yves Claude; Lazarte, Jaime E.; Alford, Dennis R.  
 PA GMP Companies, Inc., USA  
 SO PCT Int. Appl., 72 pp.  
 CODEN: PIXXD2

DT Patent  
 LA English

FAN.CMT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2002009723	A2	20020207	WO 2001-US24514	20010801
WO 2002009723	A3	20030717		
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US 2002142995	A1	20021003	US 2001-920310	20010801 <--
PRAI US 2000-222066P	P	20000801		
OS MARPAT 136:161364				

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ENTER DISPLAY CODE (TI) OR ?:rn
E1 THROUGH E11 ASSIGNED
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COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                               ENTRY      SESSION
FULL ESTIMATED COST          3.40        3.82
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FILE 'REGISTRY' ENTERED AT 07:09:01 ON 08 SEP 2004  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.  
COPYRIGHT (C) 2004 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 6 SEP 2004 HIGHEST RN 740796-45-6  
DICTIONARY FILE UPDATES: 6 SEP 2004 HIGHEST RN 740796-45-6

TSCA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

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=> s e1-e11
      1 10102-43-9/BI
        (10102-43-9/RN)
      1 102783-81-3/BI
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      1 473-81-4/BI
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      1 57-12-5/BI
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      1 630-08-0/BI
        (630-08-0/RN)
      1 7782-44-7/BI
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      1 83-86-3/BI
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L2      11 (10102-43-9/BI OR 102783-81-3/BI OR 108-91-8/BI OR 138-81-8/BI
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Page 5 09/08/2004

OR 396077-50-2/BI OR 473-81-4/BI OR 57-12-5/BI OR 630-08-0/BI  
OR 7782-44-7/BI OR 83-86-3/BI OR 87-89-8/BI)

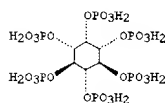
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L2 ANSWER 1 OF 11 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 396077-50-2 REGISTRY  
CN myo-Inositol, hexakis(dihydrogen phosphate), compd. with cyclohexanamine  
(9CI) (CA INDEX NAME)  
FS STEREOSEARCH  
MF C6 H18 O24 P6 . x C6 H13 N  
SR CA  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL  
DT.CA Caplus document type: Patent  
RL.F Roles from patents: BIOL (Biological study); USES (Uses)  
CM 1  
CRN 108-91-8  
CMF C6 H13 N



CM 2  
CRN 83-86-3  
CMF C6 H18 O24 P6

Relative stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

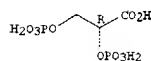
L2 ANSWER 3 OF 11 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 10102-43-9 REGISTRY  
CN Nitrogen oxide (NO) (8CI, 9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN 43: PN: WO2004056314 SEQID: 64 claimed sequence  
CN Amidogen, oxo-  
CN INOMax  
CN Nitric oxide  
CN Nitric oxide (NO)  
CN Nitric oxide trimer  
CN Nitrogen monoxide  
CN Nitrogen monoxide  
CN Nitrogen oxide (N4O4)  
CN Nitrogen(II) oxide  
CN Nitrosyl radical  
CN OHM 11771  
DR 53851-19-7, 51005-20-0, 51005-21-1, 90452-29-2  
MF N O  
CI COM  
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO,  
CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNE, CEN, CHEMCATS,  
CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHM, CSNB, DDFU, DETHERM\*,  
DIOGENES, DIPPR\*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPAT,  
ENCOMPAT2, GMLIN\*, HSDB\*, IFICDB, IFIPAT, IFIUD, IMPATENTS,  
IMSRESEARCH, IPA, MEDLINE, MRCK\*, MSDS-OHS, NIOSHTIC, PDLCCM\*, PIRA,  
PROMT, RTECS\*, SPECINFO, TOXCENTER, TULSA, ULIDAT, USPAT2, USPATFULL,  
VETU, VTB  
(\*File contains numerically searchable property data)  
Other Sources: DSL\*, EINECS\*, TSCA\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)  
DT.CA Caplus document type: Book; Conference; Dissertation; Journal; Patent;  
Preprint; Report  
RL.F Roles from patents: ANST (Analytical study); BIOL (Biological study);  
CMBI (Combinatorial study); FORM (Formation, nonpreparative); MSC  
(Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process);  
PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role  
in record)  
RLD.F Roles for non-specific derivatives from patents: ANST (Analytical  
study); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation);  
PROC (Process); USES (Uses)  
RL.NF Roles from non-patents: ANST (Analytical study); BIOL (Biological  
study); CMBI (Combinatorial study); FORM (Formation, nonpreparative);  
MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC  
(Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses);  
NORL (No role in record)  
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study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC  
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PRP (Properties); RACT (Reactant or reagent); USES (Uses)

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81778 REFERENCES IN FILE CA (1907 TO DATE)  
469 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
81961 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 2 OF 11 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 102703-01-3 REGISTRY  
CN Propanoic acid, 2,3-bis(phosphonooxy)-, (2R)-, compd. with cyclohexanamine  
(1:5) (9CI) (CA INDEX NAME)  
OTHER CA INDEX NAMES:  
CN Propanoic acid, 2,3-bis(phosphonooxy)-, (R)-, compd. with cyclohexanamine  
(1:5)  
FS STEREOSEARCH  
MF C6 H13 N . 1/5 C3 H8 O10 P2  
SR CAS Client Services  
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL  
DT.CA Caplus document type: Patent  
RL.F Roles from patents: BIOL (Biological study); USES (Uses)  
CM 1  
CRN 14438-19-8  
CMF C3 H8 O10 P2

Absolute stereochemistry.



CM 2  
CRN 108-91-8  
CMF C6 H13 N



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 4 OF 11 REGISTRY COPYRIGHT 2004 ACS on STN  
RN 7702-44-7 REGISTRY  
CN Oxygen (8CI, 9CI) (CA INDEX NAME)  
OTHER NAMES:  
CN Dioxxygen  
CN Molecular oxygen  
CN Oxygen molecule  
FS 3D CONCORD  
DR 1338-93-8, 14797-70-7, 80217-98-7, 80937-33-3  
MF O2  
CI COM  
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, BIOBUSINESS, BIOSIS, BIOTECHNO,  
CA, CABA, CANCERLIT, CAPLUS, CASREACT, CBNE, CEN, CHEMCATS,  
CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHM, CSNB, DDFU, DETHERM\*,  
DIOGENES, DIPPR\*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPAT,  
ENCOMPAT2, GMLIN\*, HSDB\*, IFICDB, IFIPAT, IFIUD, IPA, MEDLINE, MRCK\*,  
MSDS-OHS, NIOSHTIC, PDLCCM\*, PIRA, PROMT, P, RTECS\*, SPECINFO,  
TOXCENTER, TULSA, ULIDAT, USAN, USPAT2, USPATFULL, VTB  
(\*File contains numerically searchable property data)  
Other Sources: DSL\*, EINECS\*, TSCA\*  
(\*\*Enter CHEMLIST File for up-to-date regulatory information)  
DT.CA Caplus document type: Book; Conference; Dissertation; Journal; Patent;  
Preprint; Report  
RL.F Roles from patents: ANST (Analytical study); BIOL (Biological study);  
CMBI (Combinatorial study); FORM (Formation, nonpreparative); MSC  
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RLD.F Roles for non-specific derivatives from patents: ANST (Analytical  
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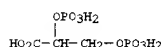
348391 REFERENCES IN FILE CA (1907 TO DATE)  
27767 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
346816 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 5 OF 11 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 630-00-0 REGISTRY  
 CN Carbon monoxide (8CI, 9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Carbon monoxide  
 CN Carbon oxide (CO)  
 FS 3D CONCORD  
 DR 724693-69-0, 167416-30-0, 162342-48-5, 18421-60-8, 153929-54-5,  
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 CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEN, CSNB, DDFU,  
 DETHERM\*, DIPPR\*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPAT,  
 ENCOMPAT2, GMLIN\*, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDE, IPA,  
 MEDLINE, MRCK\*, MSDS-OHS, NIOSHTIC, PDLCOM\*, PIRA, PROMT, PS, RTECS\*,  
 SPECINFO, TOXCENTER, TULSA, ULIDAT, USPAT2, USPATFULL, VTB  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*Enter CHEMLIST File for up-to-date regulatory information)  
 DT.CA Caplus document type: Book; Conference; Dissertation; Journal; Patent;  
 Preprint; Report  
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);  
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-C=O+

128826 REFERENCES IN FILE CA (1907 TO DATE)  
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 129017 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

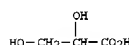
L2 ANSWER 7 OF 11 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 138-01-0 REGISTRY  
 CN Propanoic acid, 2,3-bis(phosphonoxy)- (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Glyceric acid, bis(dihydrogen phosphate) (8CI)  
 CN Glyceric acid, diphosphate (6CI)  
 OTHER NAMES:  
 CN 2,3-Bisphosphoglyceric acid  
 CN 2,3-Diphosphoglyceric acid  
 CN 2,3-DPG  
 CN Diphosphoglyceric acid  
 CN DPG  
 CN Glycerate 2,3-diphosphate  
 FS 3D CONCORD  
 MF C3 H8 O10 P2  
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 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIORBUSINESS, BIOSIS,  
 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CEN, CIN, EMBASE,  
 IFICDB, IFIPAT, IFIUDE, MEDLINE, NIOSHTIC, PROMT, TOXCENTER, USPAT2,  
 USPATFULL  
 (\*File contains numerically searchable property data)  
 DT.CA Caplus document type: Conference; Dissertation; Journal; Patent; Report  
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);  
 FORM (Formation, nonpreparative); MSC (Miscellaneous); PROC (Process);  
 PRP (Properties); RACT (Reactant or reagent); USES (Uses)  
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 (Uses)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

2862 REFERENCES IN FILE CA (1907 TO DATE)  
 23 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 2862 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 58 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 6 OF 11 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 473-01-4 REGISTRY  
 CN Propanoic acid, 2,3-dihydroxy- (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Glyceric acid (8CI)  
 OTHER NAMES:  
 CN (+)-Glyceric acid  
 CN α,β-Hydroxypropionic acid  
 CN β-Hydroxylactic acid  
 CN 2,3-Dihydroxypropionic acid  
 CN 2,3-Dihydroxypropionic acid  
 CN DL-Glyceric acid  
 CN Glyceric acid  
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 CN NSC 9227  
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 DR 600-19-1  
 MF C3 H6 O4  
 CI COM  
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIORBUSINESS, BIOSIS,  
 BIOTECHNO, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST,  
 CSCHEN, DDFU, DRUGU, EMBASE, GMLIN\*, HODOC\*, IFICDB, IFIPAT, IFIUDE,  
 IPA, MEDLINE, MRCK\*, NAPRALERT, TOXCENTER, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*  
 (\*Enter CHEMLIST File for up-to-date regulatory information)  
 DT.CA Caplus document type: Conference; Dissertation; Journal; Patent; Report  
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);  
 PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or  
 reagent); USES (Uses); NORL (No role in record)  
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 RACT (Reactant or reagent); USES (Uses)  
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 (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1294 REFERENCES IN FILE CA (1907 TO DATE)  
 66 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 1296 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L2 ANSWER 8 OF 11 REGISTRY COPYRIGHT 2004 ACS on STN  
 RN 108-01-0 REGISTRY  
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 OTHER CA INDEX NAMES:  
 CN Cyclohexylamine (6CI, 8CI)  
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 CN 1-Cyclohexylamine  
 CN Aminocyclohexane  
 CN Aminohexahydrobenzene  
 CN Benzenamine, hexahydro-  
 CN Hexahydroaniline  
 CN Monocyclohexylamine  
 FS 3D CONCORD  
 DR 143247-75-0, 157973-60-9  
 MF C6 H13 N  
 CI COM  
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIORBUSINESS, BIOSIS,  
 BIOTECHNO, CA, CAOLD, CAPLUS, CASREACT, CSNB, CEN, CHEMCATS,  
 CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEN, CSNB, DDFU, DETHERM\*,  
 DIPPR\*, DRUGU, EMBASE, ENCOMPLIT, ENCOMPLIT2, ENCOMPAT, ENCOMPAT2,  
 GMLIN\*, HODOC\*, HSDB\*, IFICDB, IFIPAT, IFIUDE, IPA, MRCK\*, MSDS-OHS,  
 NIOSHTIC, PDLCOM\*, PIRA, PROMT, PS, RTECS\*, SPECINFO, SYNTHLINE,  
 TOXCENTER, TULSA, ULIDAT, USPAT2, USPATFULL, VTB  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*\*, EINECS\*\*, TSCA\*\*  
 (\*Enter CHEMLIST File for up-to-date regulatory information)  
 DT.CA Caplus document type: Book; Conference; Dissertation; Journal; Patent;  
 Report  
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study);  
 CMBI (Combinatorial study); FORM (Formation, nonpreparative); MSC  
 (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process);  
 PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role  
 in record)  
 RLD.P Roles for non-specific derivatives from patents: ANST (Analytical  
 study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP  
 (Properties); RACT (Reactant or reagent); USES (Uses)  
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological  
 study); CMBI (Combinatorial study); FORM (Formation, nonpreparative);  
 MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC  
 (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses);  
 NORL (No role in record)  
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical  
 study); BIOL (Biological study); FORM (Formation, nonpreparative); PREP  
 (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or  
 reagent); USES (Uses)



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

5615 REFERENCES IN FILE CA (1907 TO DATE)  
 463 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 9641 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 9 OF 11 REGISTRY COPYRIGHT 2004 ACS on STN (Continued)

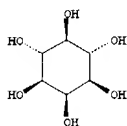
L2 ANSWER 9 OF 11 REGISTRY COPYRIGHT 2004 ACS on STN

RN 87-89-3 REGISTRY  
 CN myo-Inositol (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Inositol, myo- (8CI)  
 OTHER NAMES:  
 CN Bios 1  
 CN cis-1,2,3,5-trans-4,6-Cyclohexanehexol  
 CN Cyclohexanehexol  
 CN Cyclohexitol  
 CN Dambos  
 CN i-Inositol  
 CN Inosital  
 CN Inosite  
 CN Inositane  
 CN Inositina  
 CN Inositol  
 CN iso-Inositol  
 CN Iso-inositol  
 CN Meat sugar  
 CN meso-Inositol  
 CN Mesoinosit  
 CN Mesoinosite  
 CN Mesoinositol  
 CN Mesol  
 CN Mesovit  
 CN MI  
 CN Mouse antiallopecia factor  
 CN Myoinosite  
 CN Myoinositol  
 CN Nucite  
 CN Phaseomannite  
 CN Phaseomannitol  
 CN Rat antispectacle eye factor  
 CN Scyllite  
 FS STEREOSEARCH  
 DR 53319-35-0  
 MF C6 H12 O6  
 CI COM  
 LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CAOLD, CAPLUS, CASREACT, CENB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CIN, CSCHM, DDFU, DETHERM\*, DIOGENES, DIPPR\*, DRUGU, EMBASE, GELIN\*, IFICDB, IFIPAT, IFIUDS, IPA, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, NIOSHTIC, PIRA, PROMT, PS, RTECS\*, SPECINFO, TOXCENTER, TULSA, USPAT2, USPATFULL  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*, EINECS\*, TSCA\*  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 DT.CA CAPLUS document type: Book; Conference; Dissertation; Journal; Patent; Preprint; Report  
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)  
 RLD.P Roles for non-specific derivatives from patents: ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

L2 ANSWER 9 OF 11 REGISTRY COPYRIGHT 2004 ACS on STN (Continued)

(Uses)  
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)  
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Relative stereochemistry.



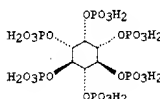
\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

8020 REFERENCES IN FILE CA (1907 TO DATE)  
 503 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
 8036 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
 9 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 10 OF 11 REGISTRY COPYRIGHT 2004 ACS on STN

RN 83-86-3 REGISTRY  
 CN myo-Inositol, hexakis(dihydrogen phosphata) (9CI) (CA INDEX NAME)  
 OTHER CA INDEX NAMES:  
 CN Inositol, hexakis(dihydrogen phosphata), myo- (8CI)  
 OTHER NAMES:  
 CN Alkalover  
 CN D-myo-Inositol-1,2,3,4,5,6-hexaphosphate  
 CN Phytic acid  
 CN Inositol 1,2,3,4,5,6-hexakisphosphate  
 CN Inositol hexakis(phosphate)  
 CN Inositol hexaphosphate  
 CN IP6  
 CN meso-Inositol hexaphosphate  
 CN myo-Inositol hexakis(phosphate)  
 CN myo-Inositol hexaphosphate  
 CN Phytic acid  
 FS STEREOSEARCH  
 DR 50762-79-3, 78039-41-5  
 MF C6 H18 O24 P6  
 CI COM  
 LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECHNO, CA, CABA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CENB, CEN, CHEMCATS, CHEMLIST, CIN, CSCHM, DDFU, DRUGU, EMBASE, GELIN\*, IFICDB, IFIPAT, IFIUDS, IPA, MEDLINE, MRCK\*, MSDS-OHS, NAPRALERT, NIOSHTIC, PIRA, PROMT, RTECS\*, TOXCENTER, TULSA, USPAT2, USPATFULL, VETU  
 (\*File contains numerically searchable property data)  
 Other Sources: DSL\*, EINECS\*, TSCA\*, WHO  
 (\*\*Enter CHEMLIST File for up-to-date regulatory information)  
 DT.CA CAPLUS document type: Book; Conference; Dissertation; Journal; Patent; Report  
 RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)  
 RLD.P Roles for non-specific derivatives from patents: ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); PROC (Process); RACT (Reactant or reagent); USES (Uses)  
 RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)  
 RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

Relative stereochemistry.



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*



L2 ANSWER 10 OF 11 REGISTRY COPYRIGHT 2004 ACS on STN (Continued)

5436 REFERENCES IN FILE CA (1907 TO DATE)  
243 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
5453 REFERENCES IN FILE CAPLUS (1907 TO DATE)  
5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

L2 ANSWER 11 OF 11 REGISTRY COPYRIGHT 2004 ACS on STN

RN 87-12-5 REGISTRY  
CN Cyanide (8CI, 9CI) (CA INDEX NAME)

OTHER NAMES:  
CN Carbon nitride ion (CN1-)  
CN Cyanide (CN1-)  
CN Cyanide anion  
CN Cyanide ion  
CN Cyanide ion (CN(1-))  
CN Cyanide ion(1-)  
CN Cyanide(1-)  
CN Cyanide(1-) ion  
CN Hydrocyanic acid, ion(1-)  
CN Isocyanide  
CN Nitrile anion  
FS 3D CONCORD  
DR 373-51-3  
MF C N  
CI COM

LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN\*, BIOBUSINESS, BIOSIS, BIOTECNO, CA, CAPLUS, CASREACT, CENB, CEN, CHEMCATS, CHEMINFORMRX, CHEMLIST, CHEMSAFE, CIN, CSCHEM, CSNB, DDFU, DETHERM\*, DRUGU, EMBASE, GHELIN\*, HSDB\*, IFICDB, IFIPAT, IFIUDB, IPA, MSDS-OHS, NIOSHTIC, PIRA, PROMT, RTECS\*, TOXCENTER, TULSA, ULIDAT, USPAT2, USPATFULL, VETU, VTB

(\*File contains numerically searchable property data)

Other Sources: DSL\*\*, TSCA\*\*

(\*\*Enter CHEMLIST File for up-to-date regulatory information)

DT.CA Caplus document type: Book; Conference; Dissertation; Journal; Patent; Preprint; Report

RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

RLD.P Roles for non-specific derivatives from patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP (Preparation); PROC (Process); RACT (Reactant or reagent); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

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9799 REFERENCES IN FILE CA (1907 TO DATE)  
322 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA  
9810 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> s 12 and caplus/lc  
38657149 CAPLUS/LC  
L3 11 L2 AND CAPLUS/LC

	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	24.32	28.14

FILE 'CAPLUS' ENTERED AT 07:09:54 ON 08 SEP 2004  
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FILE COVERS 1907 - 8 Sep 2004 VOL 141 ISS 11  
FILE LAST UPDATED: 7 Sep 2004 (20040907/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13  
L4 560127 L3

	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	0.44	28.58

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FILE COVERS 1907 - 8 Sep 2004 VOL 141 ISS 11

FILE LAST UPDATED: 7 Sep 2004 (20040907/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d his

(FILE 'HOME' ENTERED AT 07:07:37 ON 08 SEP 2004)

FILE 'CAPLUS' ENTERED AT 07:08:32 ON 08 SEP 2004

L1 1 S US20020142995/PN  
SELECT L1 1 RN

FILE 'REGISTRY' ENTERED AT 07:09:01 ON 08 SEP 2004

L2 11 S E1-E11  
L3 11 S L2 AND CAPLUS/LC

FILE 'CAPLUS' ENTERED AT 07:09:54 ON 08 SEP 2004

L4 560127 S L3

FILE 'CAPLUS' ENTERED AT 07:10:06 ON 08 SEP 2004

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YOU HAVE REQUESTED DATA FROM FILE 'REGISTRY' - CONTINUE? (Y)/N:y

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LN  ANSWER 1 OF 1: REGISTRY COPYRIGHT 2004 ACS ON STN
RN  396077-50-2 REGISTRY
FN  myo-inositol, hexakis(dihydrogen phosphate), compd. with cyclohexanamine
CS  (9CI) CAS INDEX NAME
SF  STROSEARICH
MR  C6 H18 O24 P6 . x C6 H13 N
FR  CA
LC  STN FILES: CA, CAPLUS, TOXCAT, USPATFULL
DT  CA Caplus document type: Patent
RT,P Roles from patients: BIOL (Biological study); USES (Uses)

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CM 1

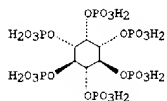
CRN 108-91-8  
CMF C6 H13 N



CM 2

CRN 83-86-3  
CMF C6 H18 O24 P6

Relative stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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=> s 396077-50-2/rn
      1 396077-50-2
      0 396077-50-2D
L5      1 396077-50-2/RN
        (396077-50-2 (NOTL) 396077-50-2D )
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COST IN U.S. DOLLARS          SINCE FILE      TOTAL
                               ENTRY      SESSION
FULL ESTIMATED COST          4.08      36.61
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FILE COVERS 1907 - 8 Sep 2004 VOL 141 ISS 11  
FILE LAST UPDATED: 7 Sep 2004 (20040907/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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      0 396077-50-2D
L6      1 396077-50-2/RN
        (396077-50-2 (NOTL) 396077-50-2D )
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L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN  
ACCESSION NUMBER: 2002:107125 CAPLUS  
DOCUMENT NUMBER: 136:161364  
TITLE: Ammonium salts of hemoglobin allosteric effectors, and  
uses thereof  
INVENTOR(S): Nicolau, Yves Claude; Lazarte, Jaime E.; Alford,  
Dennis R.  
PATENT ASSIGNEE(S): GMP Companies, Inc., USA  
SOURCE: PCT Int. Appl., 72 pp.  
CODEN: PIXXDZ  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002009723	A2	20020207	WO 2001-US24514	20010801
WO 2002009723	A3	20030717		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GE, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2002142995	A1	20021003	US 2001-920310	20010801
PRIORITY APPL. INFO.:			US 2000-222066P	P 20000801

OTHER SOURCE(S): MARPAT 136:161364  
AB The present invention comprises compds., compns. thereof, and methods  
capable of delivering a broad range of anionic mol's. to the cytoplasm of  
mammalian cells. In certain embodiments, the present invention relates to  
compds., compns. thereof, and methods that enhance the ability of  
mammalian red blood cells to deliver oxygen, by delivering a ligand for  
the allosteric site of Hb to the cytoplasm of the red blood cells.

IT 396077-50-2  
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL  
(Biological study); USES (Uses)  
(ammonium salts of Hb allosteric effectors and therapeutic uses thereof  
to enhance ability of mammalian red blood cells to deliver oxygen)

RN 396077-50-2 CAPLUS  
CN myo-Inositol, hexakis(dihydrogen phosphate), compd. with cyclohexanamine  
(9CI) (CA INDEX NAME)

CM 1

CRN 108-91-8

CMF C6 H13 N



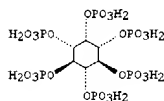
L6 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

CM 2

CRN 83-86-3

CMF C6 H18 O24 P6

Relative stereochemistry.



=> fil reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	8.84	45.45
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.70	-0.70

FILE 'REGISTRY' ENTERED AT 07:13:19 ON 08 SEP 2004  
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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 6 SEP 2004 HIGHEST RN 740796-45-6  
DICTIONARY FILE UPDATES: 6 SEP 2004 HIGHEST RN 740796-45-6

TSKA INFORMATION NOW CURRENT THROUGH MAY 21, 2004

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more  
information enter HELP PROP at an arrow prompt in the file or refer  
to the file summary sheet on the web at:  
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> d his

(FILE 'HOME' ENTERED AT 07:07:37 ON 08 SEP 2004)

L1 FILE 'CAPLUS' ENTERED AT 07:08:32 ON 08 SEP 2004  
1 S US20020142995/PN  
SELECT L1 1 RN

L2 FILE 'REGISTRY' ENTERED AT 07:09:01 ON 08 SEP 2004  
11 S E1-E11  
L3 11 S L2 AND CAPLUS/LC

L4 FILE 'CAPLUS' ENTERED AT 07:09:54 ON 08 SEP 2004  
560127 S L3

FILE 'CAPLUS' ENTERED AT 07:10:06 ON 08 SEP 2004

FILE 'REGISTRY' ENTERED AT 07:12:26 ON 08 SEP 2004

L5 FILE 'CAPLUS' ENTERED AT 07:12:27 ON 08 SEP 2004  
1 S 396077-50-2/RN

L6 FILE 'CAPLUS' ENTERED AT 07:12:58 ON 08 SEP 2004  
1 S L5

FILE 'REGISTRY' ENTERED AT 07:13:19 ON 08 SEP 2004

=> s 108-91-8/rn  
L7 1 108-91-8/RN

=> s 83-86-3/rn  
L8 1 83-86-3/RN

=> fil caplus	SINCE FILE	TOTAL
COST IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	1.26	46.71
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.70

FILE 'CAPLUS' ENTERED AT 07:14:49 ON 08 SEP 2004  
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FILE COVERS 1907 - 8 Sep 2004 VOL 141 ISS 11  
FILE LAST UPDATED: 7 Sep 2004 (20040907/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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=> s 17  
L9 9648 L7

=> s 18  
L10 5456 L8

=> s 19 and 110  
L11 2 L9 AND L10

=> d ibib abs hitstr 1-2



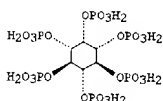
L11 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:107354 CAPLUS  
DOCUMENT NUMBER: 136:161367  
TITLE: Ammonium salts of inositol hexaphosphate and uses thereof  
INVENTOR(S): Lehn, Jean-Marie; Nicolau, Yves Claude; Vincent, Stephane P.  
PATENT ASSIGNEE(S): GMP Companies, Inc., USA  
SOURCE: PCT Int. Appl., 88 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002010177	A1	20020207	WO 2001-US24081	20010801
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BE, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2002173494	A1	20021121	US 2001-920140	20010801
US 6610702	B2	20030826		

PRIORITY APPLN. INFO.: US 2000-222089P P 20000801  
AB The present invention comprises compds., compns. thereof, and methods capable of delivering inositol hexaphosphate (IHP), an allosteric effector of Hb, to the cytoplasm of mammalian cells. In certain embodiments, the present invention relates to compds., compns. thereof, and methods that enhance the ability of mammalian red blood cells to deliver oxygen, by delivering IHP to the cytoplasm of the red blood cells.  
IT 83-86-3D, Inositol hexaphosphate, ammonium salts  
RL: PAC (Pharmacological activity); PKT (Pharmacokinetics); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(ammonium salts of Hb allosteric effector inositol hexaphosphate and therapeutic uses thereof to enhance ability of red blood cells to deliver oxygen)  
RN 83-86-3 CAPLUS  
CN myo-Inositol, hexakis(dihydrogen phosphate) (9CI) (CA INDEX NAME)

Relative stereochemistry.



IT 108-91-8, Cyclohexylamine, reactions

L11 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)

RL: RCT (Reactant); PACT (Reactant or reagent)  
(ammonium salts of Hb allosteric effector inositol hexaphosphate and therapeutic uses thereof to enhance ability of red blood cells to deliver oxygen)  
RN 108-91-8 CAPLUS  
CN Cyclohexylamine (9CI) (CA INDEX NAME)



REFERENCE COUNT: 4  
THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

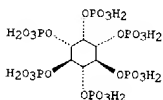
L11 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN

ACCESSION NUMBER: 2002:107125 CAPLUS  
DOCUMENT NUMBER: 136:161364  
TITLE: Ammonium salts of hemoglobin allosteric effectors, and uses thereof  
INVENTOR(S): Nicolau, Yves Claude; Lazarte, Jaime E.; Alford, Dennis R.  
PATENT ASSIGNEE(S): GMP Companies, Inc., USA  
SOURCE: PCT Int. Appl., 72 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002009723	A2	20020207	WO 2001-US24514	20010801
WO 2002009723	A3	20030717		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BE, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
US 2002142995	A1	20021003	US 2001-920310	20010801

PRIORITY APPLN. INFO.: MARPAT 136:161364  
OTHER SOURCE(S):  
AB The present invention comprises compds., compns. thereof, and methods capable of delivering a broad range of anionic mols. to the cytoplasm of mammalian cells. In certain embodiments, the present invention relates to compds., compns. thereof, and methods that enhance the ability of mammalian red blood cells to deliver oxygen, by delivering a ligand for the allosteric site of Hb to the cytoplasm of the red blood cells.  
IT 83-86-3D, Inositol hexaphosphate, ammonium salts 108-91-8D, Cyclohexylamine, complexes with Hb allosteric effectors  
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(ammonium salts of Hb allosteric effectors and therapeutic uses thereof to enhance ability of mammalian red blood cells to deliver oxygen)  
RN 83-86-3 CAPLUS  
CN myo-Inositol, hexakis(dihydrogen phosphate) (9CI) (CA INDEX NAME)

Relative stereochemistry.



RN 108-91-8 CAPLUS  
CN Cyclohexylamine (9CI) (CA INDEX NAME)

L11 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS on STN (Continued)



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COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

10.40

57.11

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE

TOTAL

ENTRY

SESSION

CA SUBSCRIBER PRICE

-1.40

-2.10

STN INTERNATIONAL LOGOFF AT 07:16:18 ON 08 SEP 2004